



e c o s *systems*



ecos Terminals - The Smart Communication Hub

The Smart & Intelligent Communication Hub

The ecos terminal is designed to be the centralized communication centre of your company.

When used at nodes, the terminals form the flexible and modular security infrastructure. Highly secure authentication methods such as multifactor- or biometric ones, gives access only to the authorised functions.

Through webservices the terminal can be integrated seamlessly and securely into your IT network.

The terminals perform diverse functions such as access controls, visitor management, intercom system and as interactive Infoboard. In combination with other ecos products such as our locker systems or „ecos time“ and „ecos car“ software's you can manage your entrance keys and visitor IDs as well as check driver's licenses and do timekeeping.

Security

The compact form of the terminal has a 4mm thick unibody steel frame and a stainless steel front. It is equipped with an emergency battery and fulfills the most rigid security requirements. The system can function in an exterior environment with temperature ranges from (IP44) from -20 to +60 C.

An integrated LED informs the user of the current status. A pulsating blue light describes a fully functioning and communicating system. A red light indicates that the system is running via the emergency battery, suggesting a power outage.

The terminals include four control relays that can open and close doors and trigger optical and acoustic alarms. An additional board can inform an external security center about the failure of the central unit. The communication interruption is recorded online if the terminal is connected to the cloud.

Additionally, the ISO 27001 certification guarantees the highest degree of information security.

Communication

When using the terminals together with our All-inclusive package* the „ecos care“ only a power connection is needed. The integrated modem with a multi-provider sim card guarantees a 99,9% availability. Through our Software-as-a-Service in the cloud all the used functions will be automatically kept up-to-date.

*(Software-as-a-Service, Cloud with unlimited data usage, 3G/4G-Communication for all networks, Service package with videocall function)



Entrance of the ecos systems headquarter built in 1970 near Frankfurt, Germany



7" ecos Terminal, as access control and intercom system with RFID reader or fingerprint

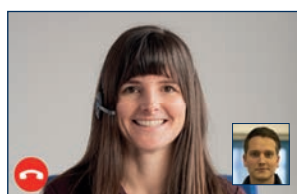
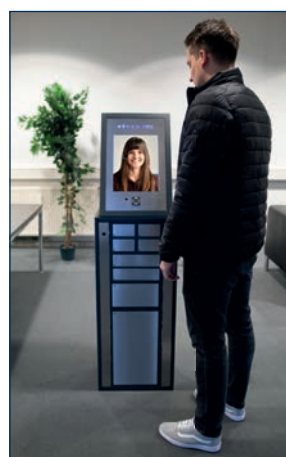
Access Control

The ecos Terminals are used as a fail-proof access system equipped with 4 alarm or control relays that can open and close doors and trigger optical and acoustic alarms.

Multiple authentication options utilizing touch screen display, or mounted fingerprint and RFID readers. Authentication via PIN is always possible using touch-screen display.

Additionally, the RFID reader, supporting all standard protocols, and fingerprint reader can be precisely integrated into the stainless-steel front.

A mobile phone can also be used as access medium. The integrated video communication allows to open the door remotely through a computer or mobile phone.



Receptionist in a videocall



Drop-Down Menu of videocall

Intercom System

Using the latest communication technology enables the terminals to contact your correspondents through video or audio via every IP-enabled device like mobiles, tablets, computers, or IP-fixed telephones.

The desired correspondent can directly be selected through a drop-down menu to available groups such as Maintenance, Cleaning Departments, or the reception desk.

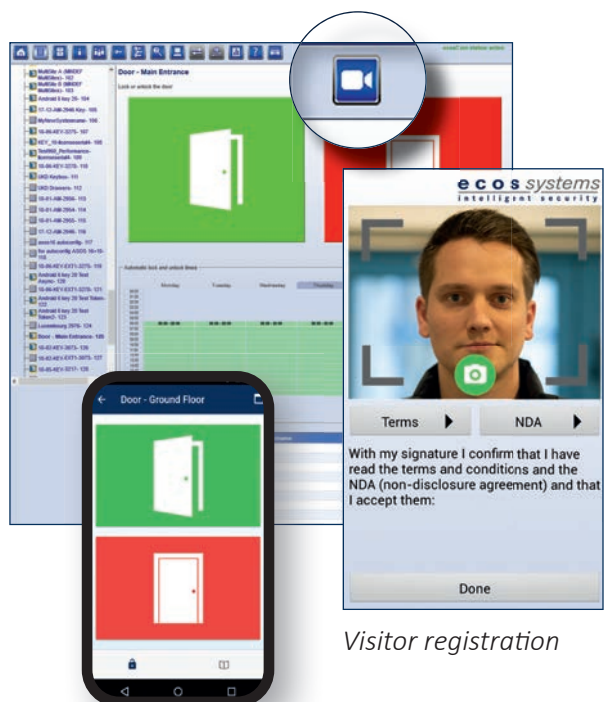
The ecos terminal can also only be used as a doorbell.

Visitor Management

All visits are managed and recorded centrally with information on the visitors' and employees' names and meeting rooms.

Every visitor can register themselves through the interactive terminal and directly call their correspondent. All available contact points such as work phone, mobile or computer can be reached.

The visitor can display the general terms & conditions and Non-Disclosure Agreement and accept them through a signature field. Only after receiving access to the building is granted.



Visitor registration

Entrance key deposit

The ecos key depots with 0.16 inch stainless steel front and terminal allow issuing essential keys such as entry key. This system is designed for outdoor use.

Interactive Infoboard

The interactive terminals can be integrated into your information processes.

Through the connection with MS Outlook, every employee can see their appointments & room reservations directly at the entrance.

For larger events visitors get informed about the schedule and the place & time of the next appointment

Users can communicate directly with a receptionist through the integrated video camera as a virtual reception desk.

Ecos Terminals can be configured to display customized promotions or general information.

Visitor lockers

In combination with a locker system, visitor IDs or access cards can automatically be issued. Visitors can deposit their mobile phones and laptops in their locker for more significant security needs.

Timekeeping

In combination with the timekeeping software ecos time, the terminal can also track the employees' working time.

The work time is saved by issuing and returning the office or meeting keys.

Driver's license control

In combination with the carpool management software ecos car, the control of a valid driver's license can be implemented through RFID stickers.

Consequently, a vehicle key can only be issued after a successful check of a valid driver's license.





Terminal	width (inch)	height (inch)	depth (inch)	weight (lbs)
7" lying	10.2	4.2	9.6	19.8
7" standing	10.2	9.6	4.2	19.8
10" lying	14.2	7.1	9.8	28.7
10" standing	14.2	9.8	7.1	28.7
10" upright	9.8	14.2	7.1	28.7
15" lying	14.2	14.2	19.7	50.7
15" standing	19.7	19.7	9.8	50.7

The compact design of the ecos terminals allows them to be easily and quickly mounted. The ergonomic and efficient design allows it to be used on the wall, table, and counters. There are three different sizes.

The interactive 7" screens are especially useful for access-, timekeeping- or driver license control terminal. Depending on the space requirements, it can be used upright or horizontally.

The 10" screens are best used together with a locker system. The upright version is well suited for corners.

The most prominent version with 15" screen is most appropriate for situations with many human interactions & inputs such as visitor management or employees' info points.





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